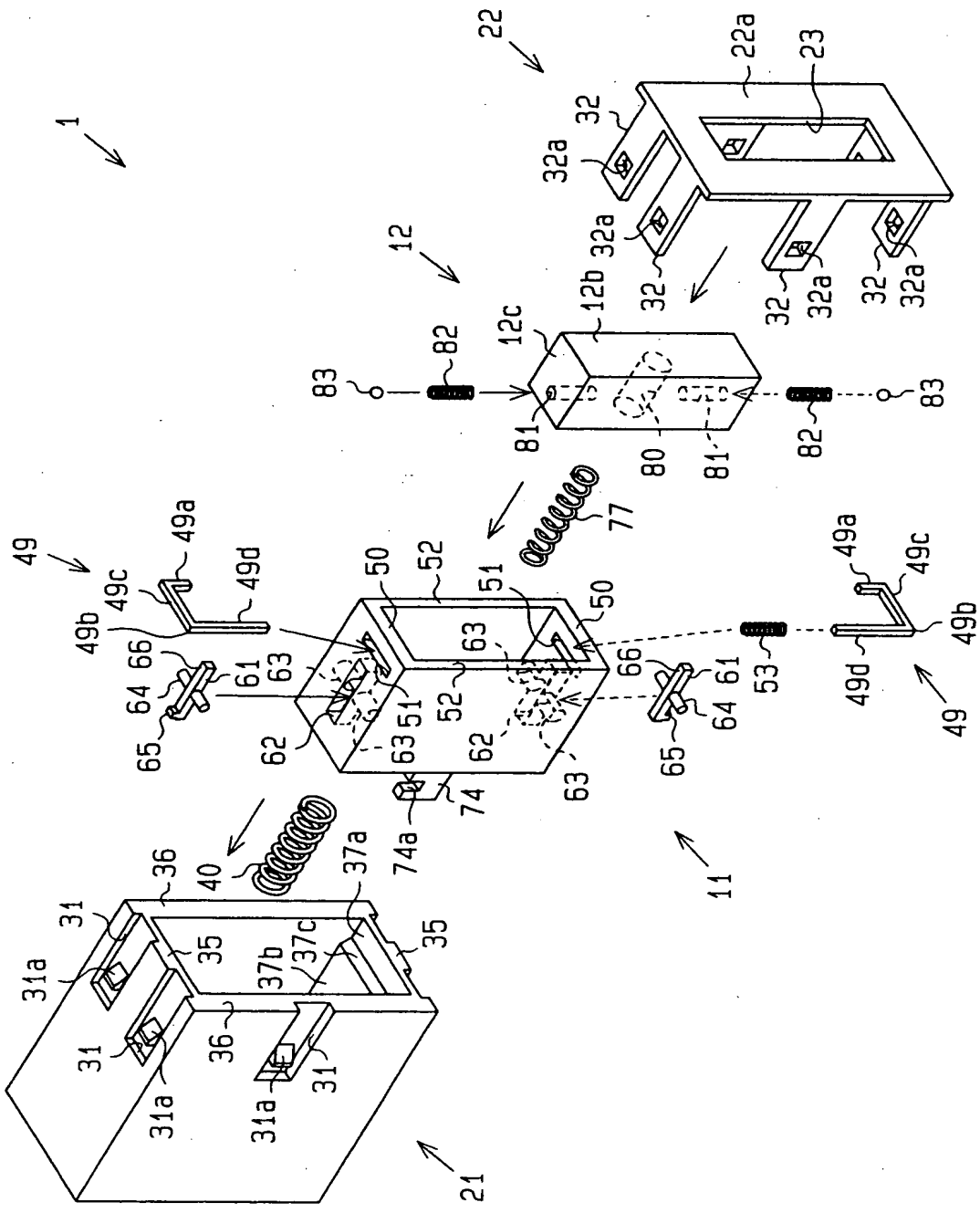
Fig.1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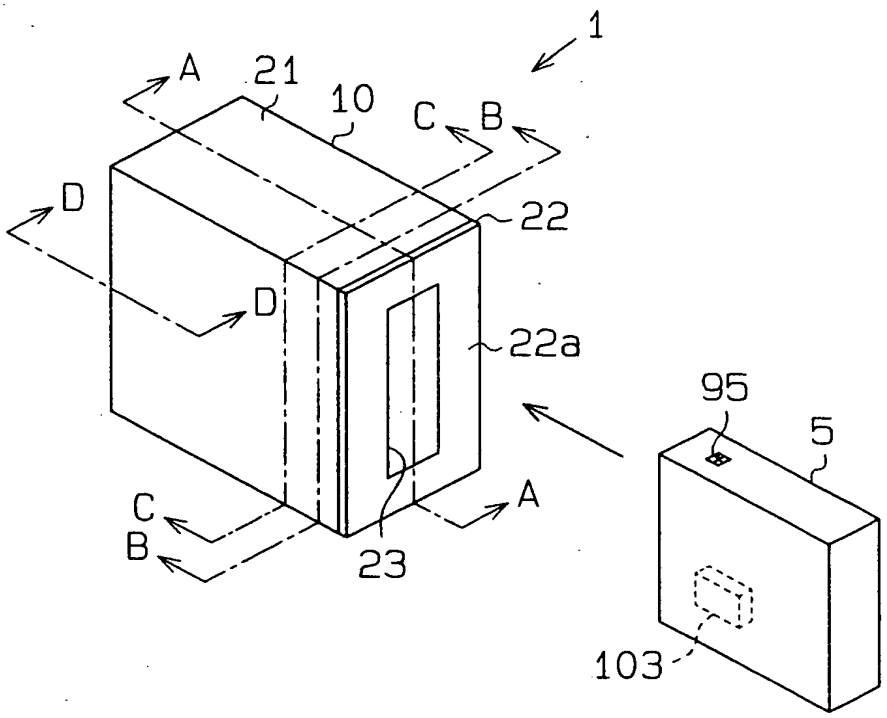
22a
23
32
32a
11
12
12b
12c
80
81
82
83
49
49a
49b
49c
49d
50
51
52
53
61
62
63
64
65
66
74
74a
77
31
31a
35
36
37a
37b
37c
40

Fig 2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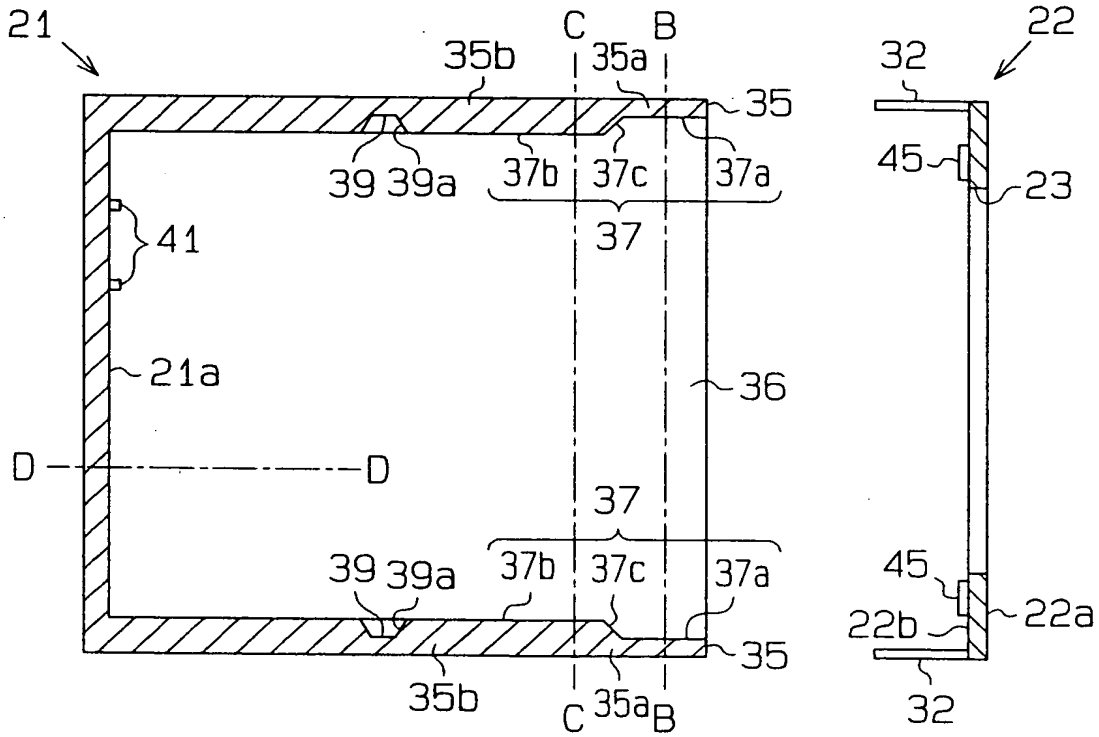
C
B
D
22
D
22a
95
5
C
B
23
A
103

Fig.3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C
B
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35a
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39
39a
37b
37c
37a
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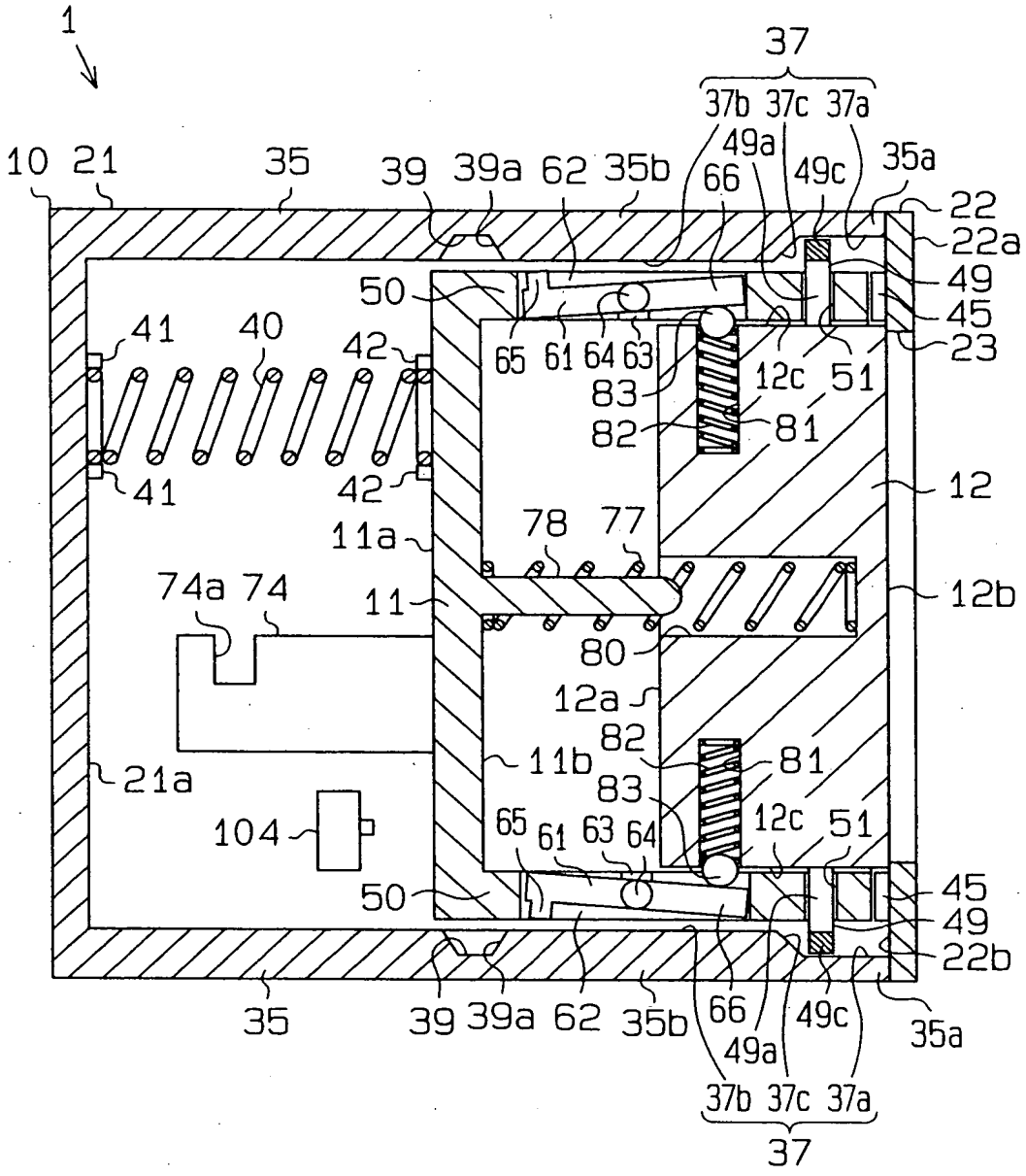
41
21a
36
D
D
37
39
39a
37b
37c
37a
35
35b
C
35a
B
22
32
45
23
45
22a
22b
32

Fig.4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49c
35a
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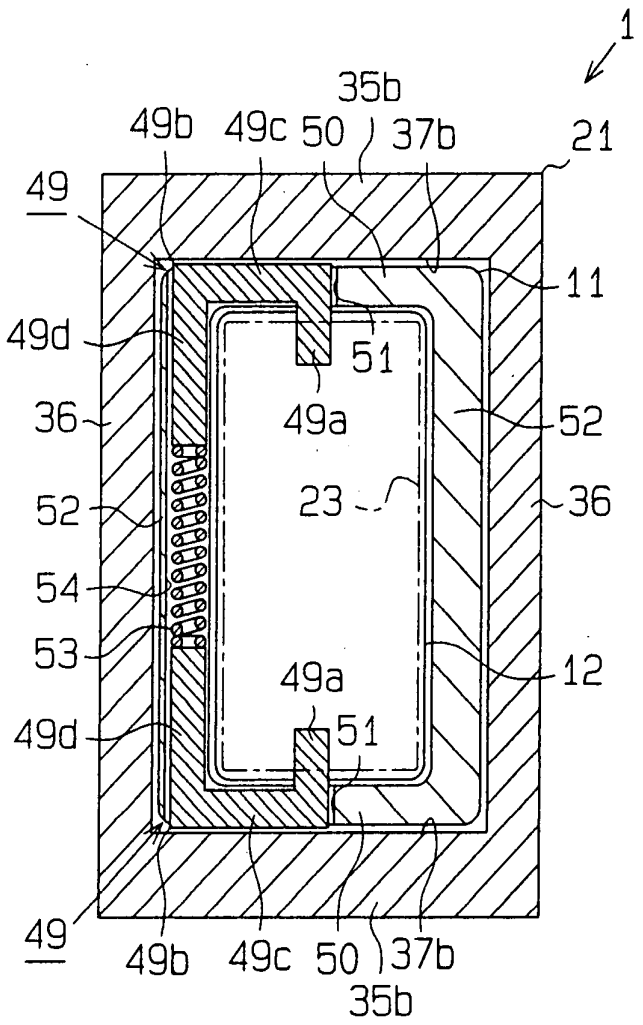
22a
49
45
23
50
41
40
42
65 61 64 63
83
12c 51
82
81
12
78 77
11a
74a 74
11
12b
80
12a
82
11b
81
83
21a
104
65 61 63 64
12c 51
50
45
49
22b
35
39 39a 62 35b
66
49a
49c
35a
37b 37c 37a
37

Fig.6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49b
49c
50
37b
21
49
11
49d
51
49a
36
52
23
52
36
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49b
49c
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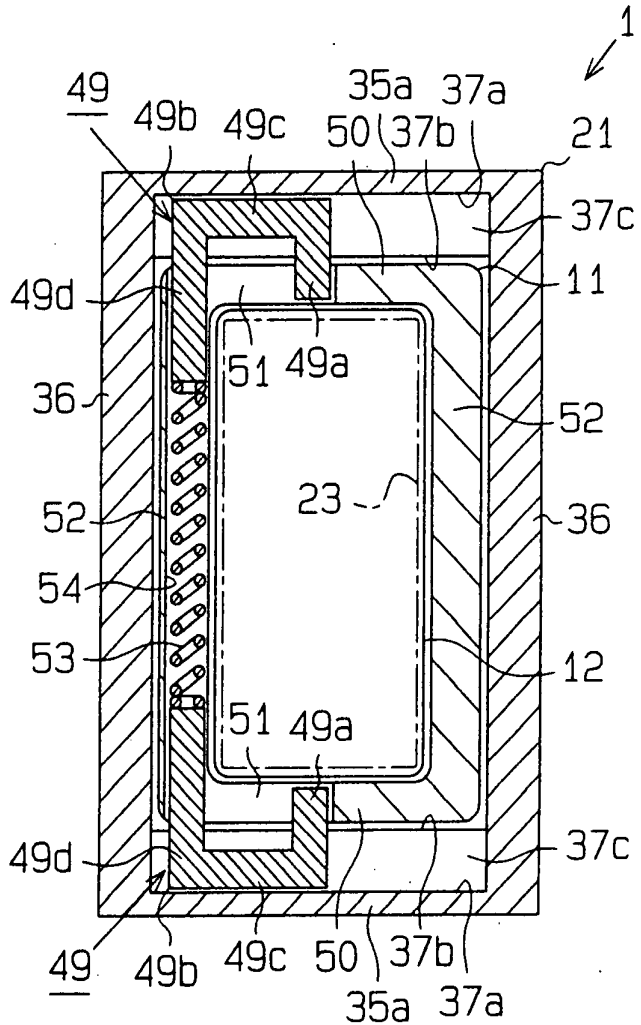
37b
35b

Fig.5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49c
50
35a
37a
37b
21
37c
11
49d
51
49a
36
52
23
52
36
54
53
12
51
49a
49d
37c
49
49b
49c
50
37b
35a
37a

Fig.7

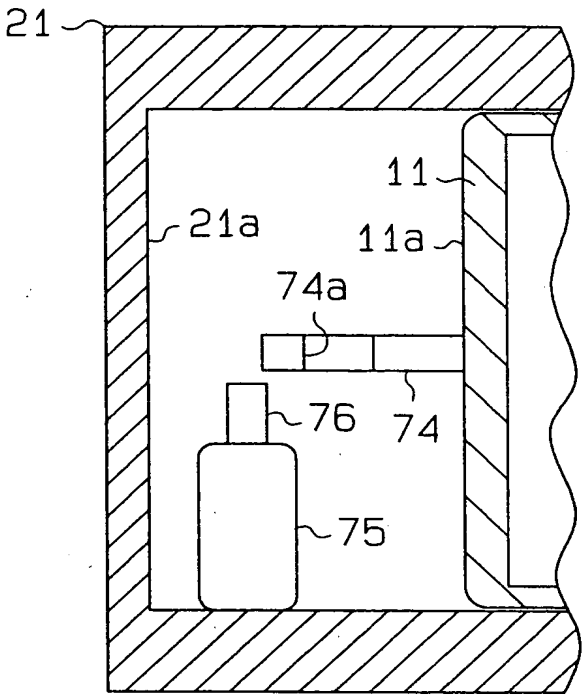


Fig.8

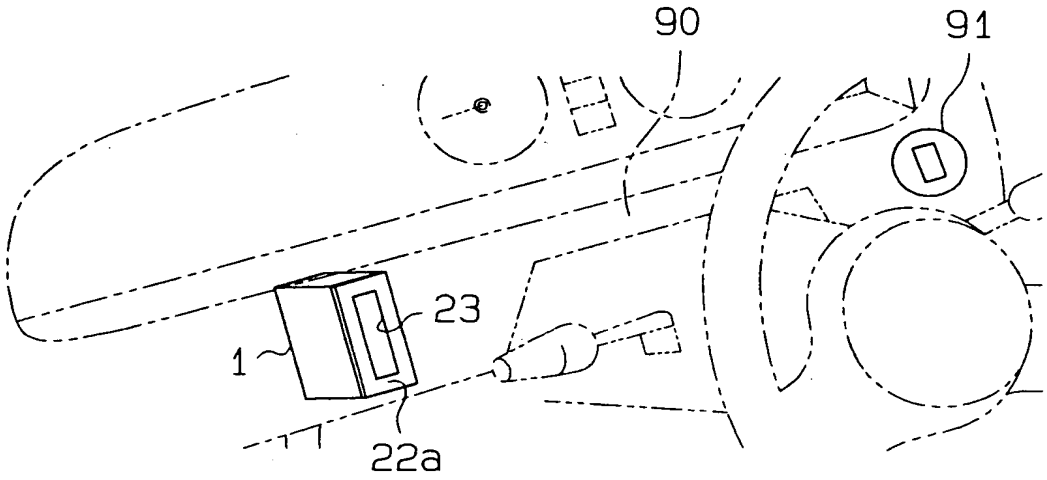


Fig.9

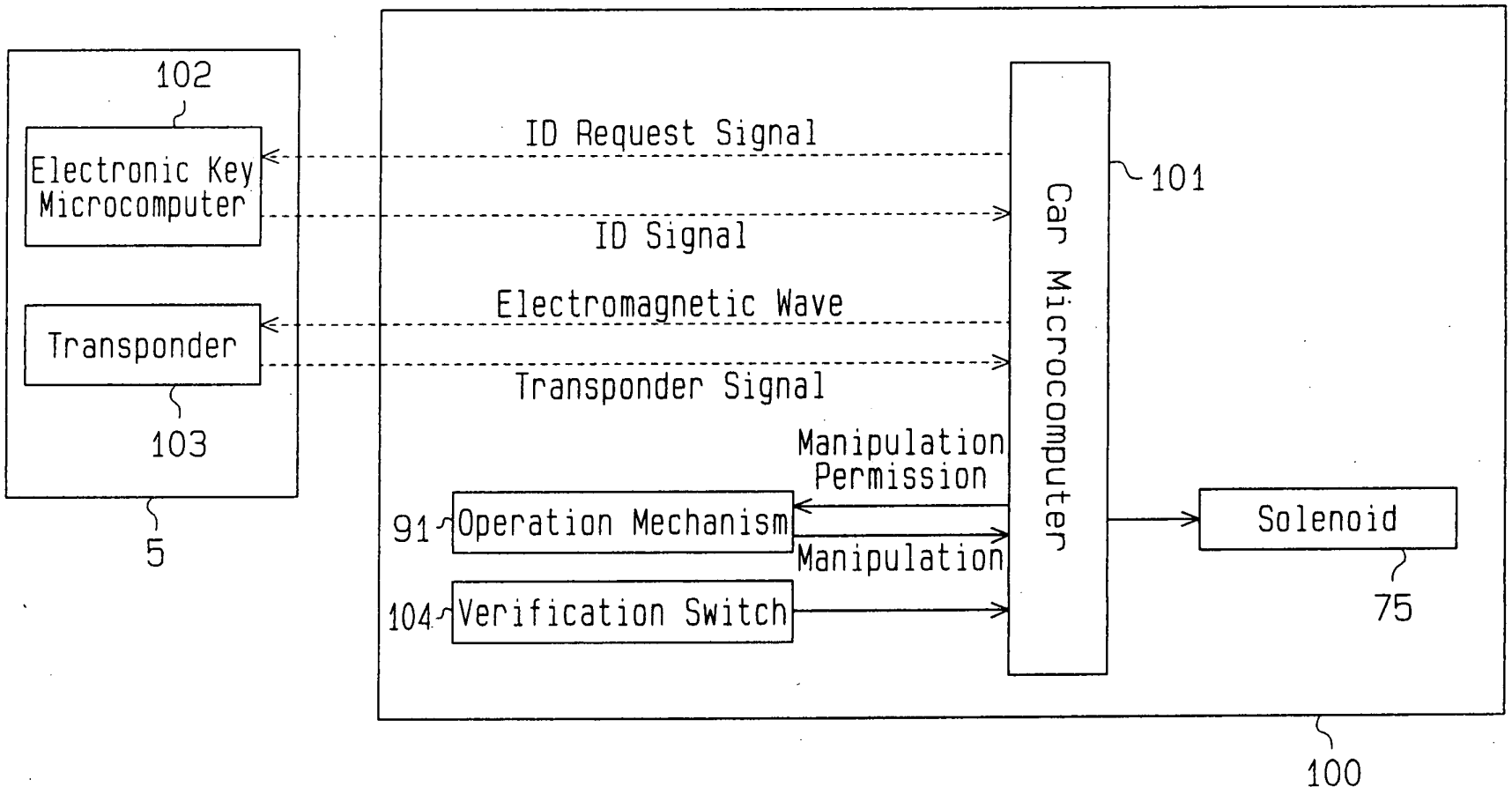
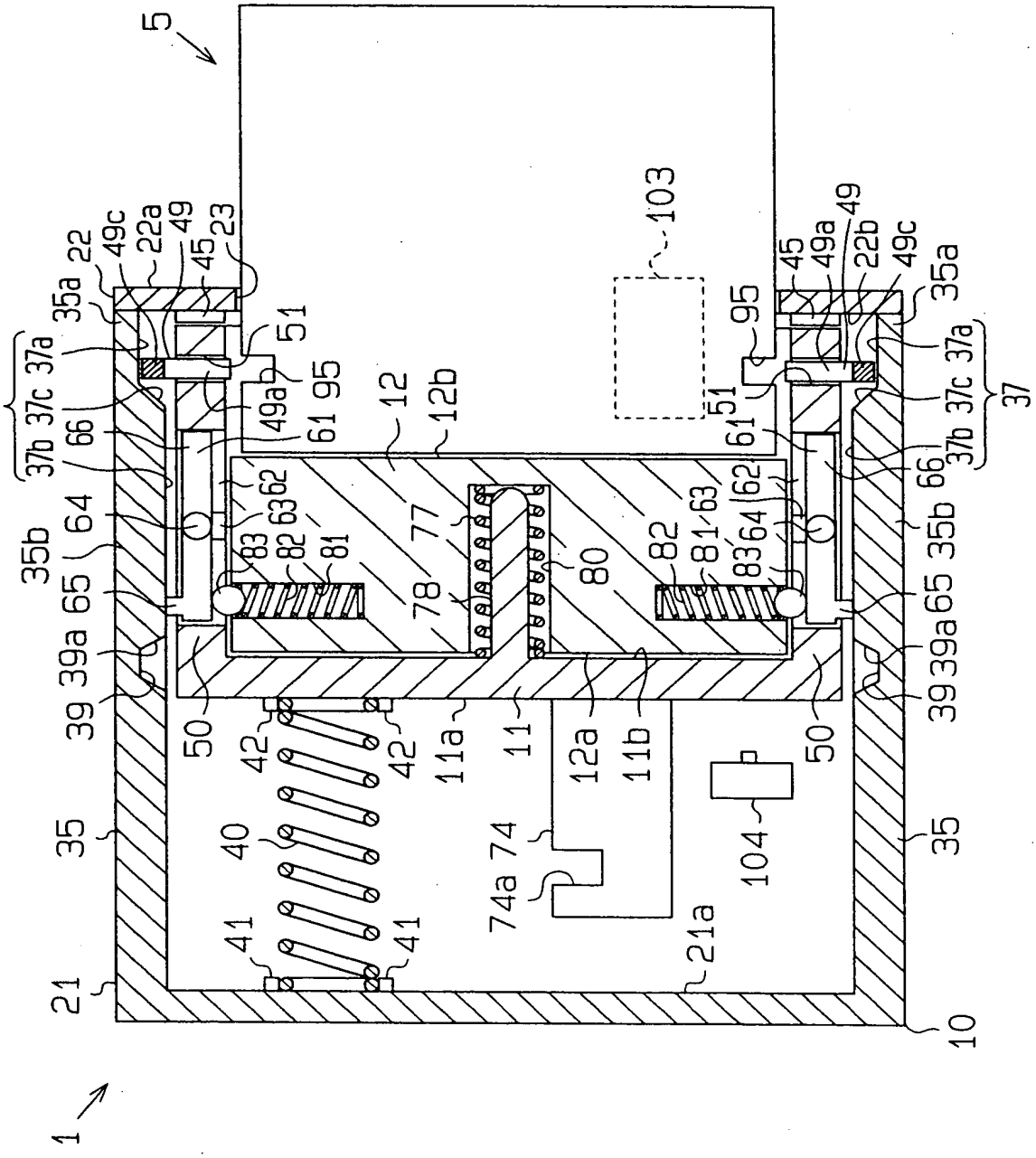

102
Electronic Key Microcomputer
Transponder
103
5
ID Request Signal
ID Signal
Electromagnetic Wave
Transponder Signal
Manipulation Permission
Manipulation
91
Operation Mechanism
104
Verification Switch
Car Microcomputer
101
Solenoid
75
100

Fig.10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39a
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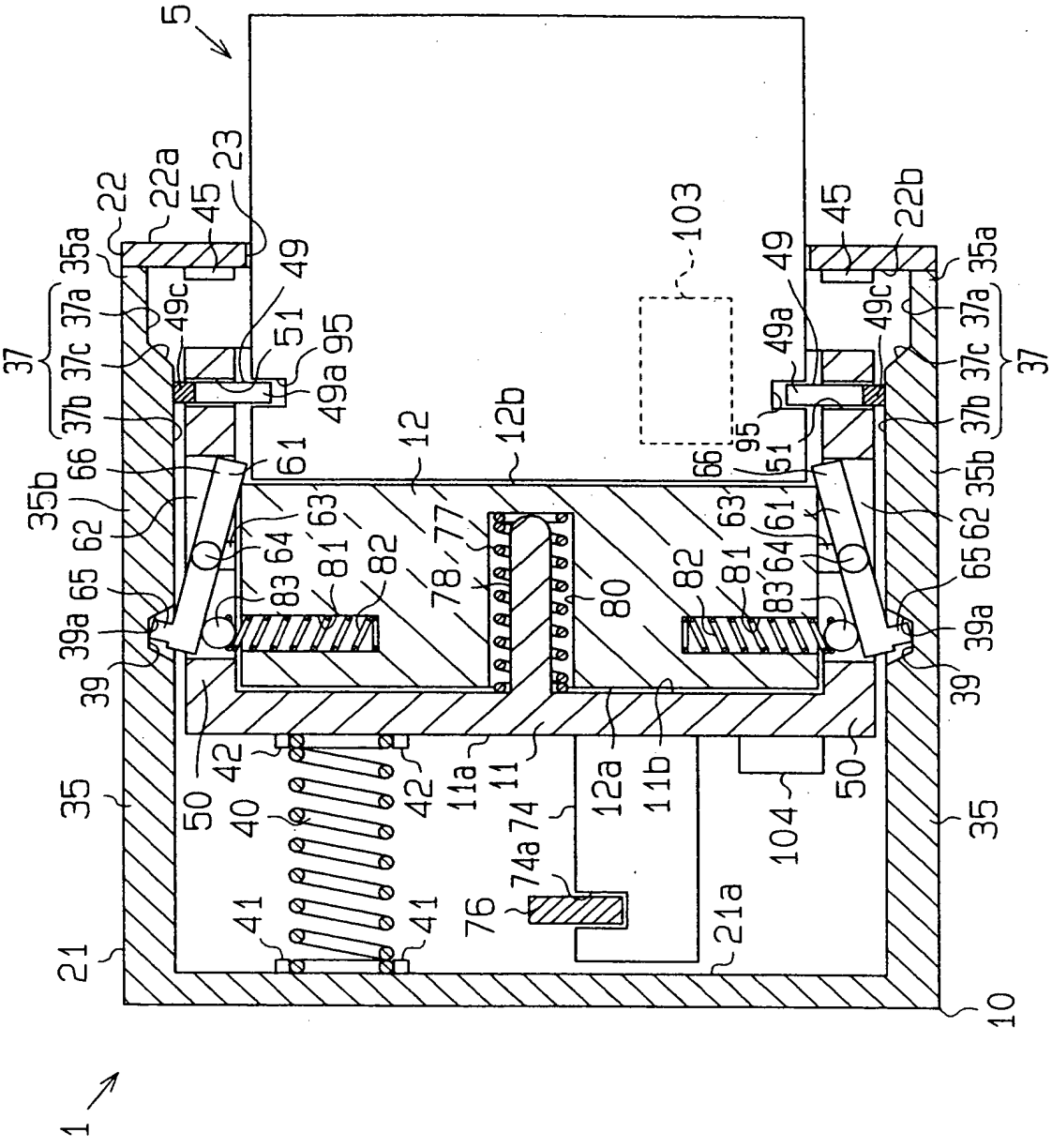
Fig.11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49a
49c
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Fig.12

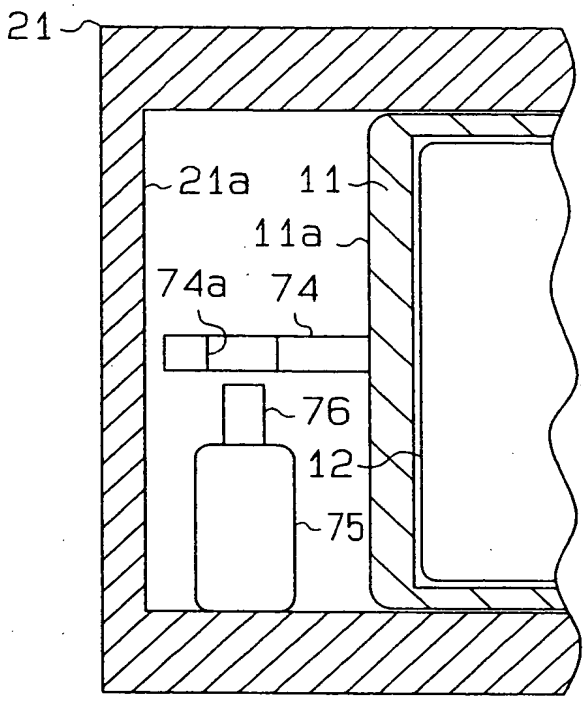

Fig.13

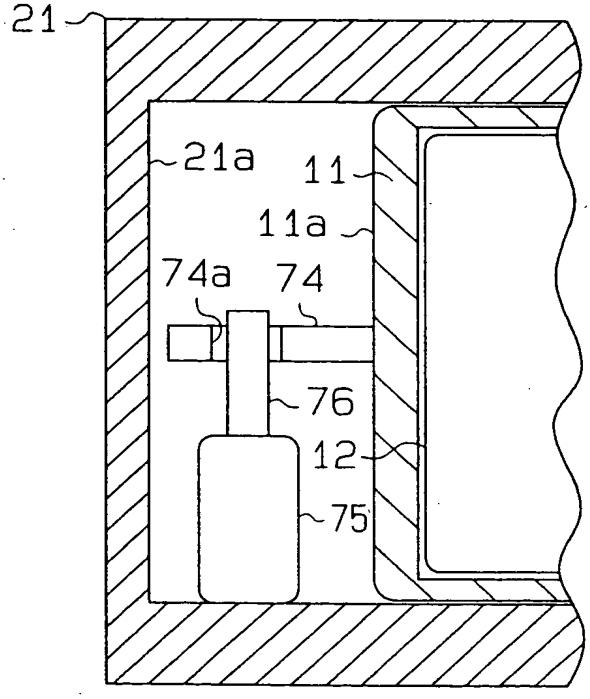

Fig.14

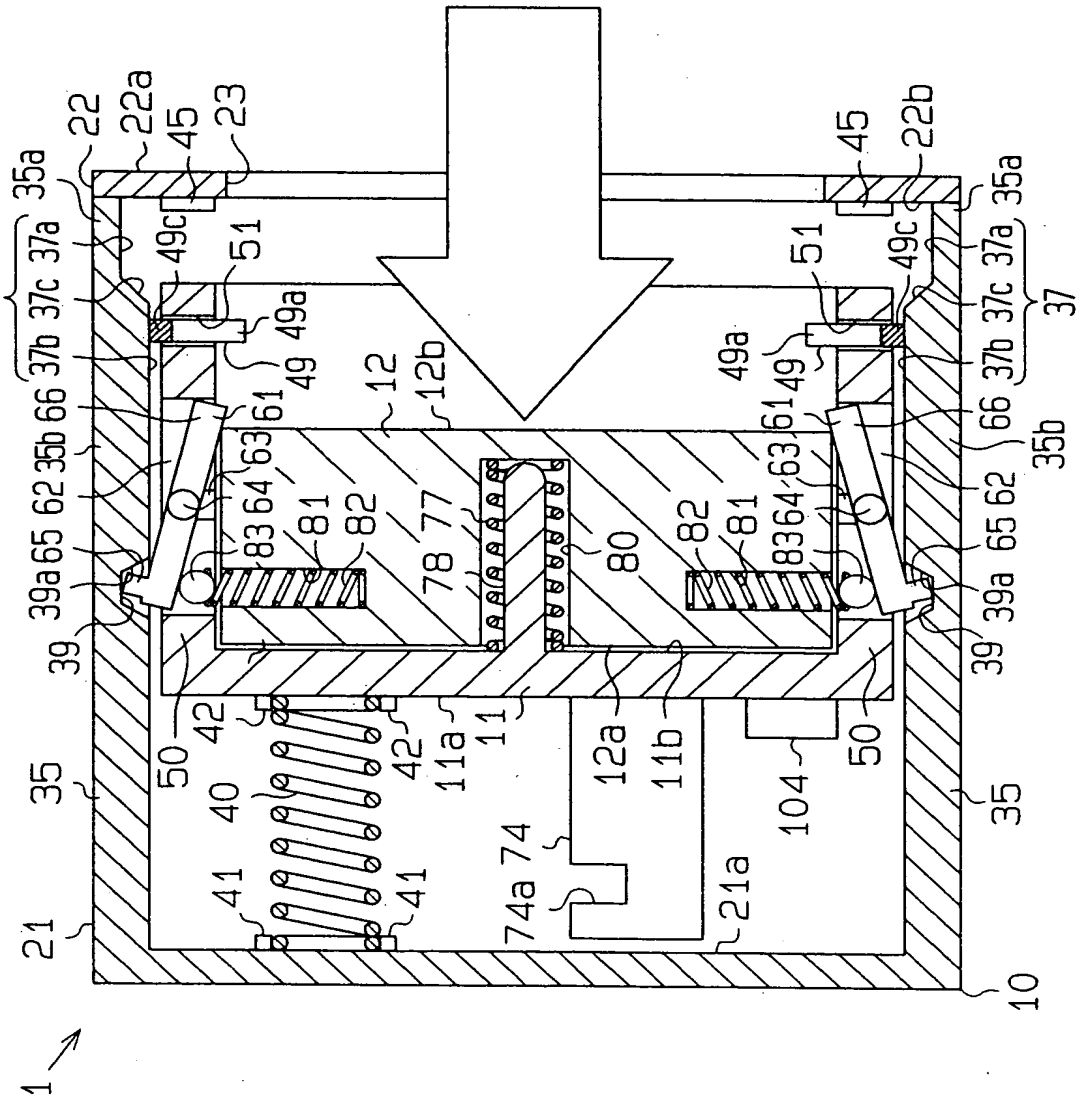
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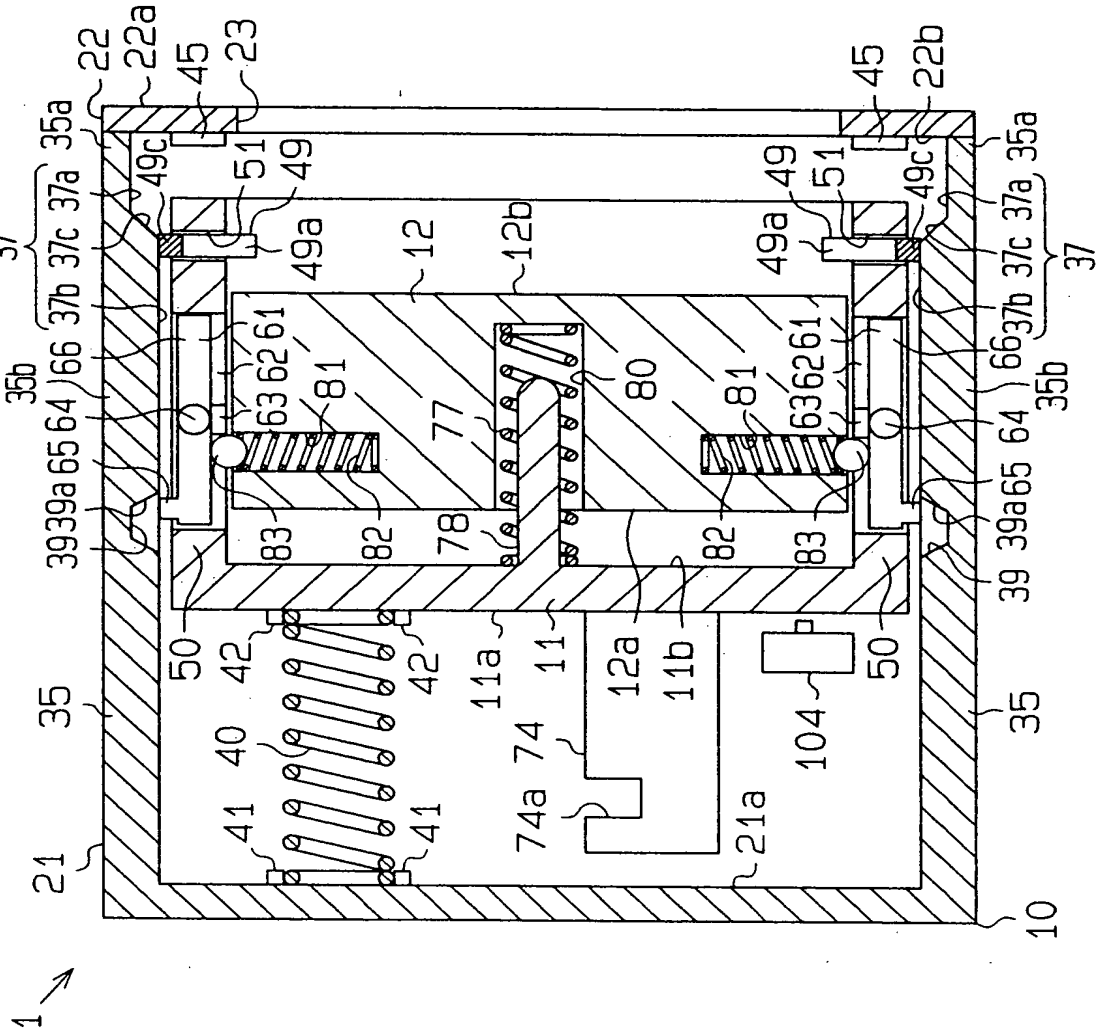
Fig.15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49c
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74
74a
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